

FRICION MATERIAL
FOR RAILWAY AND INDUSTRY

FRIMATRAIL®
frenoplast.



INDUSTRIAL
PRODUCTS



FRICITION MATERIALS FOR INDUSTRIAL APPLICATIONS

Application:

Special friction materials for industrial applications like brake liners, brake pads and friction boards

P20

Designation of friction material

P21

Designation of friction material

P23

Designation of friction material



FRICION MATERIALS FOR INDUSTRIAL APPLICATIONS

General purpose friction material

P20

Designation of friction material

Description

Asbestos-free, moulded friction material. It is made on the basis of synthetic elastomers, thermo-setting resins, friction modifiers and mineral fibres reinforcing the structure.

Application

General-purpose friction material, for example brake linings for machines, clutches, shock absorbers, drum brake shoe.

Recommended specific pressure [N/cm ²]	≤100
Maximum continuous temp. [°C]	350
Maximum peak temp. [°C]	400

Frictional properties

Nominal coefficient of friction (for calculation only)	0.35
---	------



FRICION MATERIALS FOR INDUSTRIAL APPLICATIONS

Special purpose friction material for application in oil

INFORMATION SHEET

P21

Designation of friction material

Description

Asbestos-free, oil-proof moulded friction material made on the basis of thermo-setting resins, friction modifiers and fibres reinforcing the structure.

Application

Special-purpose friction material, for industrial application in oily environment e.g. brake pads for mining machines.

Recommended specific pressure [N/cm ²]	≤400
Maximum continuous temp. [°C]	110
Maximum peak temp. [°C]	130

Frictional properties

Nominal coefficient of friction (in oil) (for calculation only)	0.10
--	------



FRICION MATERIALS FOR INDUSTRIAL APPLICATIONS

Sliding elements

P23

Designation of friction material

Description

Asbestos-free, oil-proof, moulded friction material, made on the basis of synthetic elastomers and thermosetting resins reinforced with non-organic fibres with addition of friction modifiers.

P23 material is characterised by high mechanical strength.

Application

Sliding elements and other industrial friction applications.

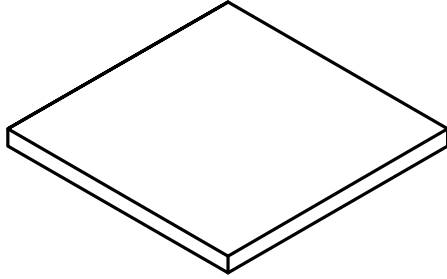
Recommended specific pressure [N/cm ²]	≤4000
Maximum continuous temp. [°C]	150
Maximum peak temp. [°C]	250

Frictional properties

Nominal coefficient of friction (for calculation only)	0.48
---	------

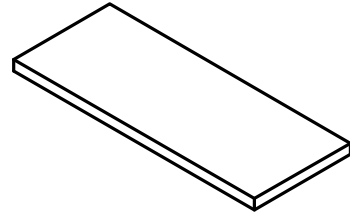
FRICITION PLATE

PL1AB



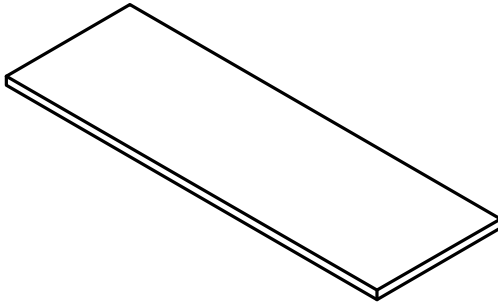
210 x 210 x AB

PL2AB



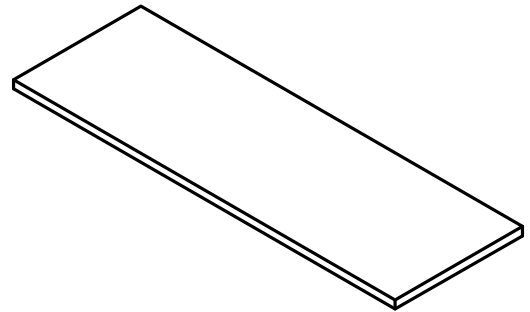
266 x 90 x AB

PL3AB



340 x 100 x AB

PL4AB

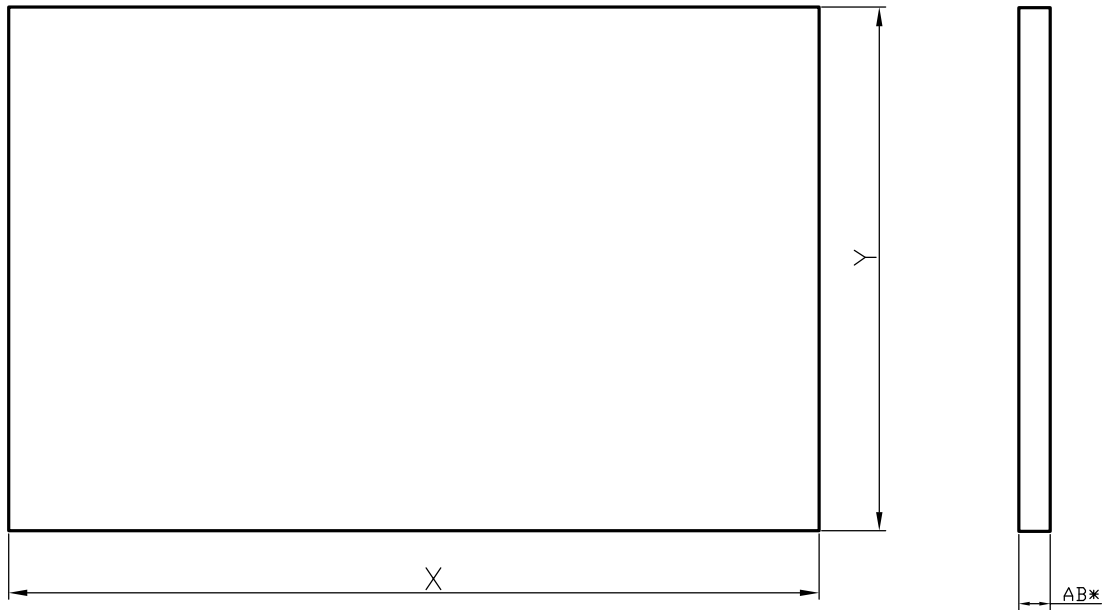


450 x 120 x AB

DATA SHEET

FRICITION PLATE

CHARACTERISTIC DIMENSIONS



e.g. thick. 3mm: PL103
 e.g. thick. 60mm: PL160

Dimension		No
X	Y	
210	210	PL1AB
266	90	PL2AB
340	100	PL3AB
450	120	PL4AB

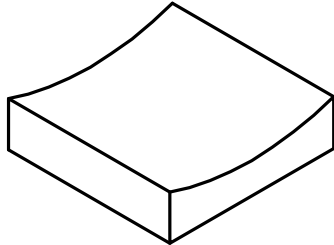
NOTE 1: NON-STANDART DIMENSIONS ARE AVAILABLE ON REQUEST

NOTE 2: min. thickness: 3 mm
 max. thickness: 60 mm

FRICITION LINING "SADDLE" TYPE

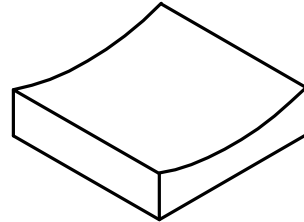
DATA SHEET

ZZ001



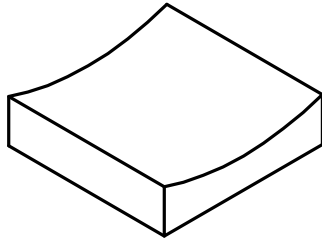
140 x 190 x 55

ZZ002



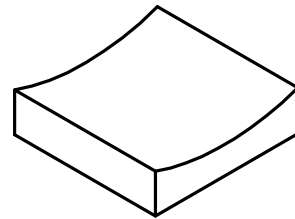
200 x 203 x 55

ZZ003



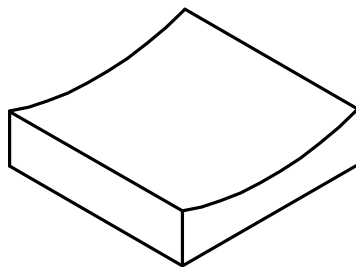
140 x 140 x 65

ZZ004



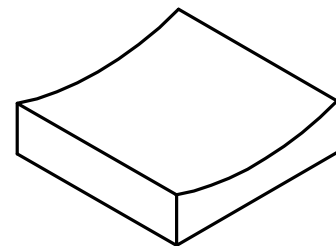
140 x 190 x 62

ZZ005



210 x 190 x 64

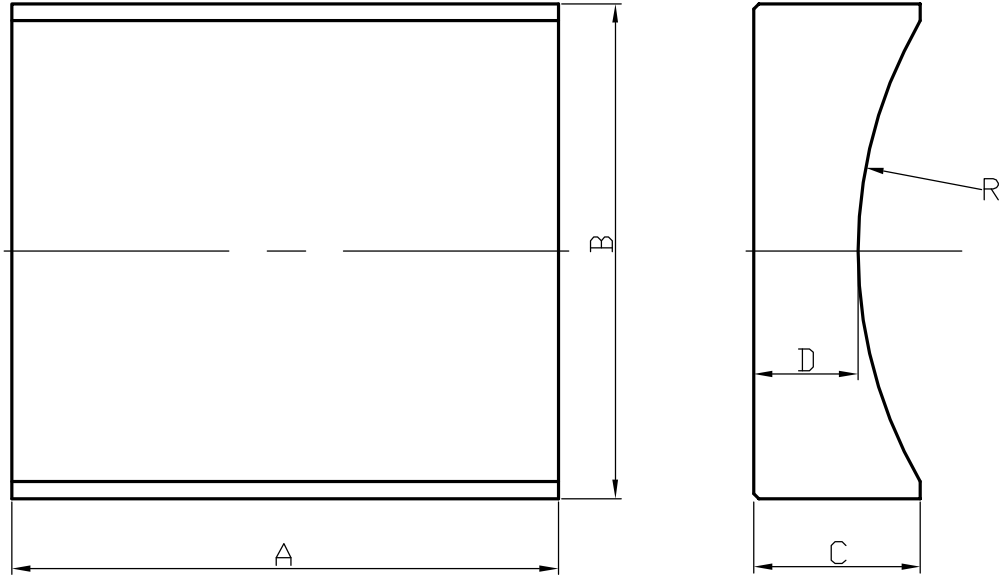
ZZ006



140 x 190 x 65

FRICITION LINING "SADDLE" TYPE

CHARACTERISTIC DIMENSIONS

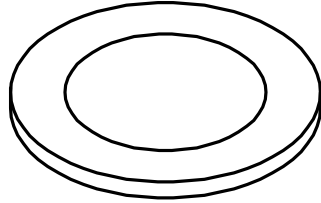


Dimension					No
A	B	C	D	R	
140	190	55	30	178	ZZ001
200	203	55	38	305	ZZ002
140	140	65	39	95	ZZ003
140	190	62	40	160	ZZ004
210	190	64	40	175	ZZ005
140	190	65	40	95	ZZ006

NON-STANDART DIMENSIONS ARE AVAILABLE ON REQUEST

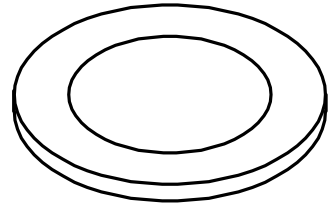
FRICITION RINGS

SP006



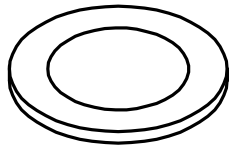
190 x 120 x 6

SP007



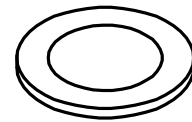
165 x 110 x 6

SP008



145 x 85 x 6

SP009

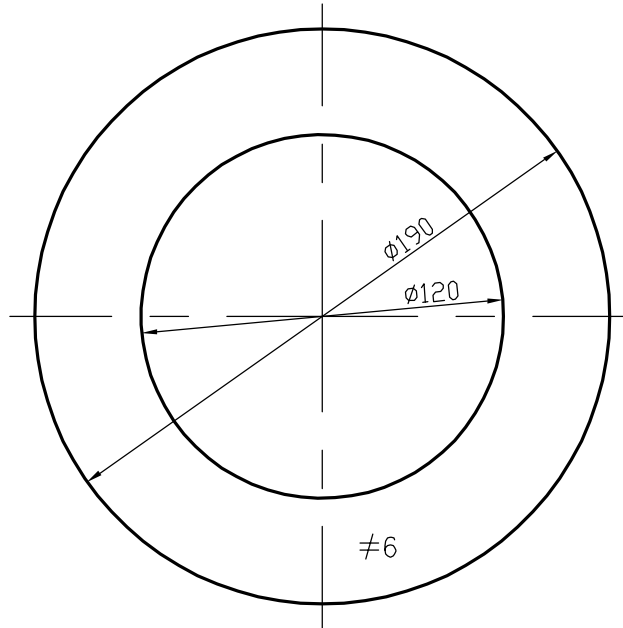


105 x 74 x 6

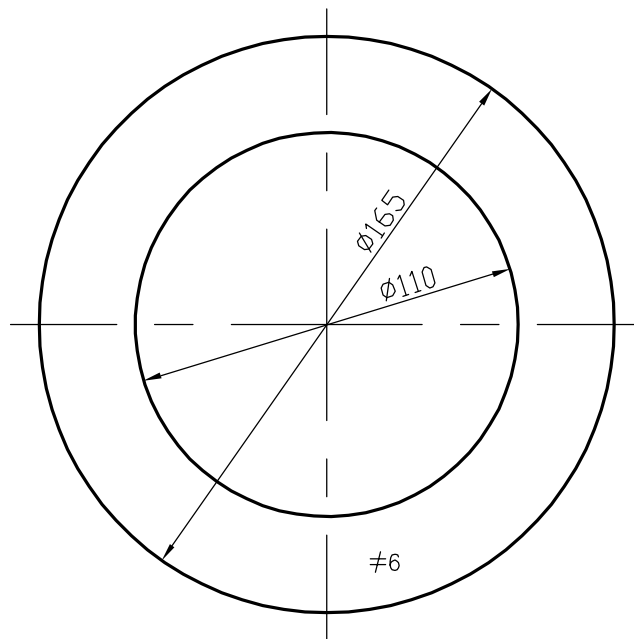
DATA SHEET

FRICITION RINGS

CHARACTERISTIC DIMENSIONS



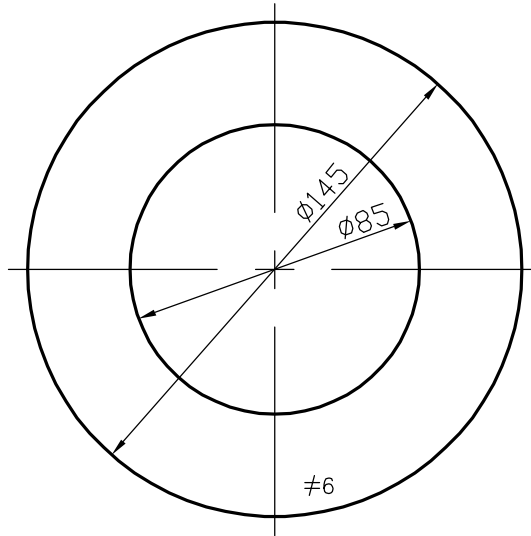
No
SP006



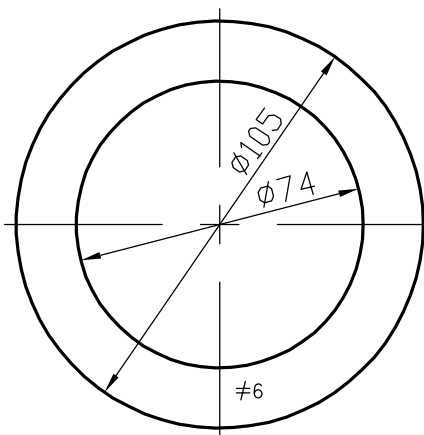
No
SP007

FRICION RINGS

CHARACTERISTIC DIMENSIONS



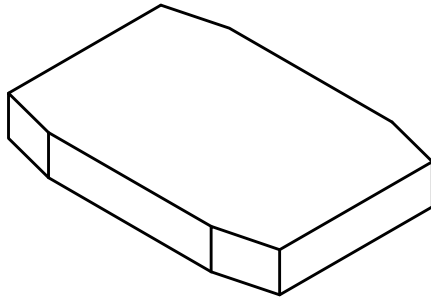
No
SP008



No
SP009

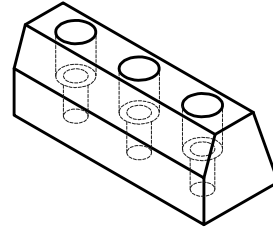
**FRICTION LINING
(EXAMPLES FOR REFERENCE ONLY)**

ZZ007



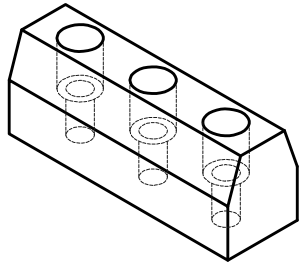
90 x 60 x 13

ZZ008



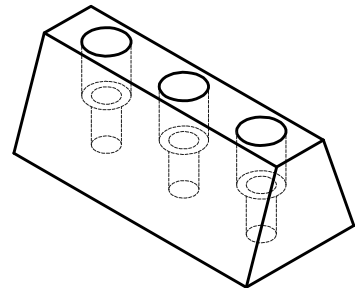
60 x (27,84) x 23

ZZ009



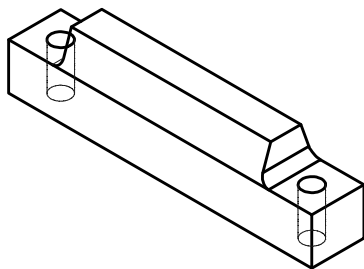
60 x 19 x 23

ZZ010



60 x (27,84) x 23

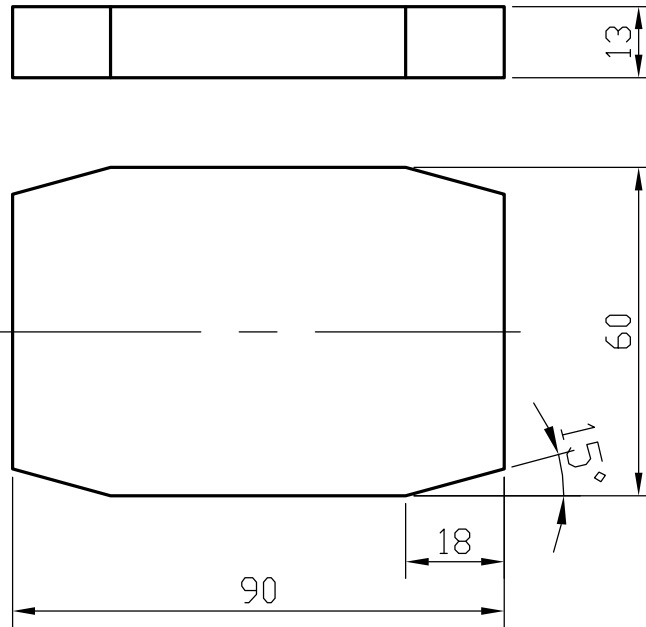
ZZ014



70 X 12 X 18

DATA SHEET

FRICITION LINING



No
ZZ007

CHARACTERISTIC DIMENSIONS

FRIMATRAIL®
frenoplast

Contact:

Frimatrail Frenoplast S.A.
ul. Watykańska 15
05-200 Majdan

Export:

+48 22 487 59 77
export@frimatrail-frenoplast.pl
www.frimatrail-frenoplast.pl

VAT-UE: PL 125 16 34 961